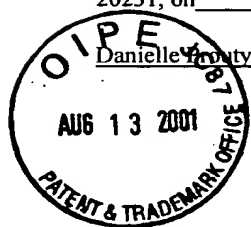


GAY 2633

#3

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on 8/10/01



D. S. R.

**PATENT**

**Attorney Docket No. 26084-711**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application

PATENT APPLICATION

Inventor(s): Winston Way, et al.

Art Unit: 2633

Application No.: 09/839,693

Examiner: Not Yet Assigned

Filed: April 19, 2001

Title Method and Apparatus for Interleaved Optical  
Single Sideband Modulation

**RECEIVED**

**AUG 17 2001**

**Technology Center 2600**

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

*[Handwritten signature]*

☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- ☒ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)  
-- OR --  
☐ (2) It is being filed within 3 months of entry of a national stage  
-- OR --  
☐ (3) It is being filed before the mail date of the first Office Action on the merits  
-- OR --  
☐ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

☐ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:

☐ a certification as specified in §1.97(e) is provided below; or

☐ a fee of \$240.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:

A. a certification as specified in §1.97(e) is completed below; and

B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; and

C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☒ **Fee Authorization.** The Commissioner is hereby authorized to charge the above-referenced fees of \$0.00 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 23-2415 (Docket No. 26084-711).


Respectfully submitted,

WILSON SONSINI GOODRICH & ROSATI

Dated: 8/10/01

By: [Signature]  
Paul Davis, Reg. No. 29,294

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		ATTY. DOCKET NO.		SERIAL NO.			
		26084-711		09/839,693			
		APPLICANT Winston Way, et al.					
		FILING DATE 04/19/01		GROUP 2633			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	5,301,058	4/5/94	Olshansky, et al.	359	188		
	5,596,436	1/21/97	Sargis, et al.	359	132		
	5,745,273	4/28/98	Jopson, et al.	359	181		
	6,118,566	9/12/00	Price, et al.	359	181		
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
G.H. Smith, et al., "Broad-Band Millimeter-Wave (38GHz) Fiber-Wireless Transmission System Using Electrical and Optical SSB Modulation to Overcome Dispersion Effects" <i>IEEE Photonics Technology Letters</i> , Vol 10. No. 1, January 1998							
M.C. Wu, et al. "CSO Distortions Due to the Combined Effects of Self- and External-Phase Modulations in Long-Distance 1550-nm AM-CATV Systems" <i>IEEE Photonics Technology Letters</i> , Vol. 11, No. 6, June 1999							
Ramos, et al. "Comparison of Optical Single-Sideband Modulation and Chirped Fiber Gratings as Dispersion Mitigating Techniques in Optical Millimeter-Wave Multichannel Systems" <i>IEEE Photonics Technology Letters</i> , Vol. 11, No. 11, November 1999							
W. Way, "Subcarrier Multiplexed Lightwave System Design Consideration for Subscriber Loop Applications" <i>Journal of Lightwave Technology</i> , Vol 7., No. 11, November 1989							
K. Yonenaga, et al. "Dispersion-Tolerant Optical Transmission System Using Duobinary Transmitter and Binary Receiver" <i>Journal of Lightwave Technology</i> , Vol. 15, No. 8, August 1997							
Way, "RF Modem Design for HFC Systems" <i>Broadband Hybrid Fiber Coaxial Access System Technologies</i> , 1998, pp. 253-300							
						<b>RECEIVED</b>	
						<b>AUG 17 2001</b>	
						<b>Technology Center 2600</b>	
EXAMINER			DATE CONSIDERED				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.